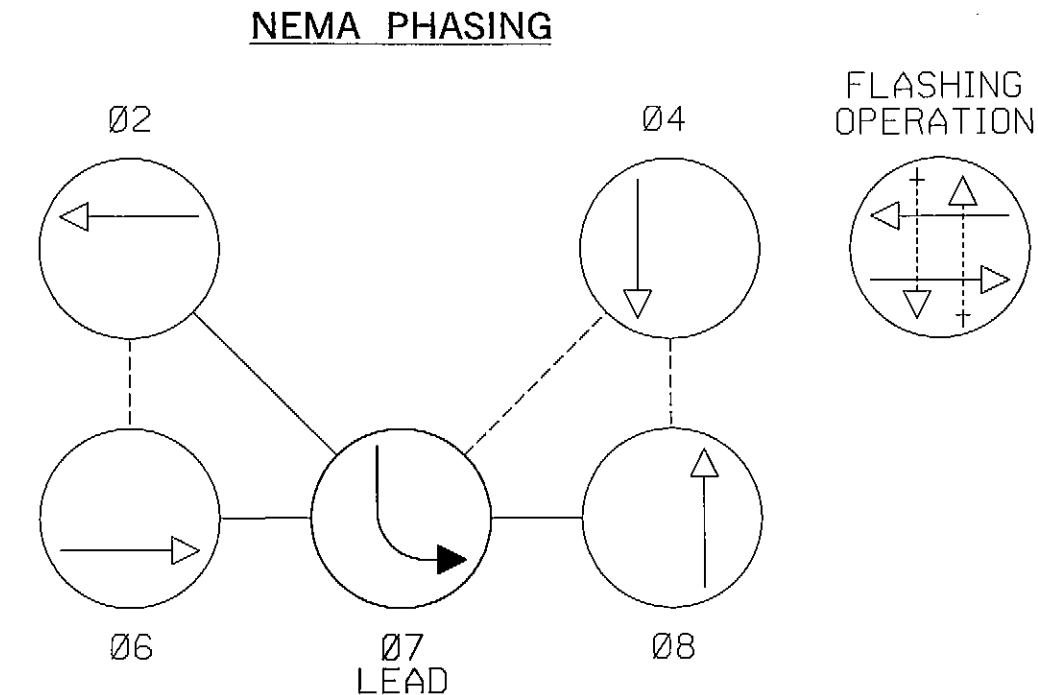
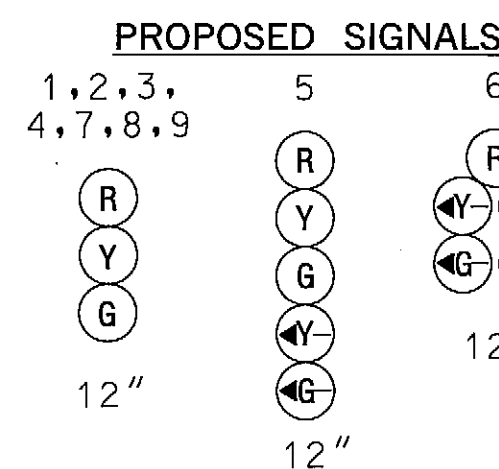
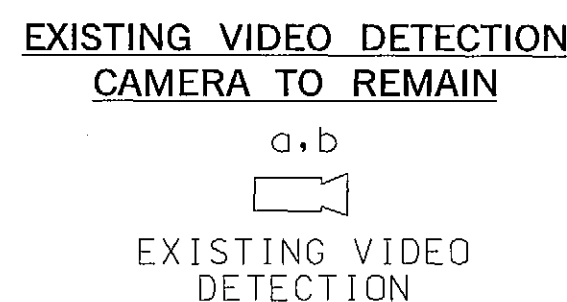
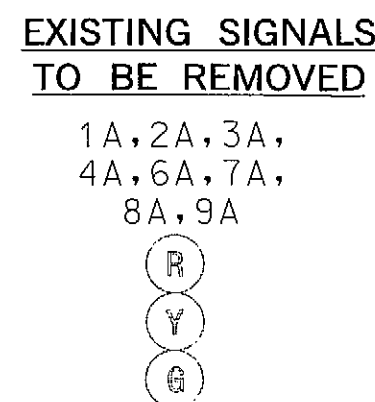
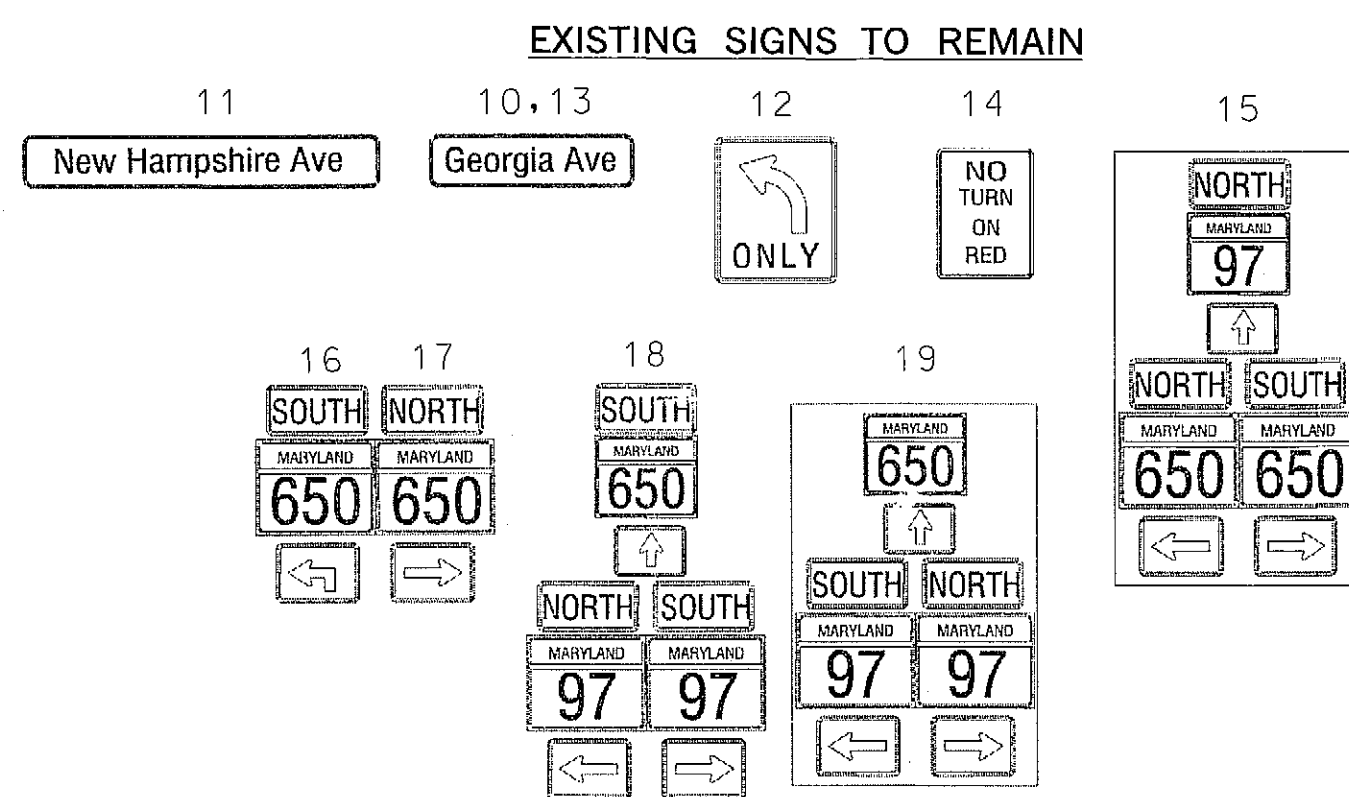
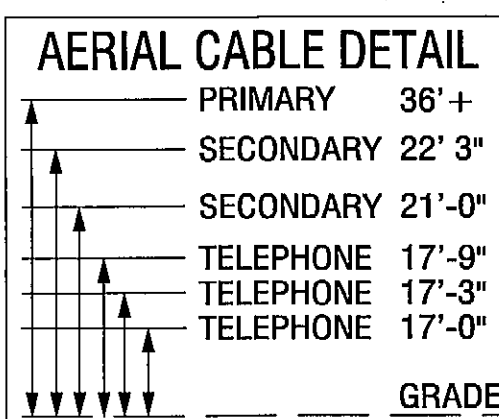


MD 97 IS ASSUMED TO RUN  
IN A NORTH/SOUTH DIRECTION



NOTE:  
PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.  
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.



TO MD 108

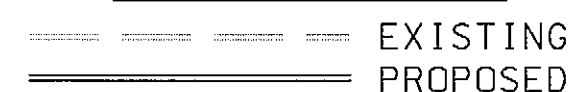
RIGHT OF WAY

**MD 97 (GEORGIA AVENUE)**

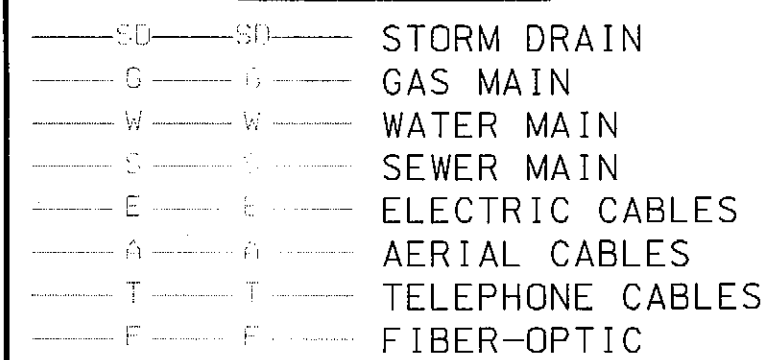
**CONSTRUCTION DETAILS**

- A. REMOVE EXISTING SIGNAL HEAD AND CABLE FROM MAST ARM AND INSTALL NEW LED FIVE (5) SECTION SIGNAL HEAD AS SHOWN. INSTALL NEW 7 CONDUCTOR CABLE TO WIRE HEAD.
- B. USE EXISTING MAST ARM POLE AND INSTALL NEW LED FIVE (5) SECTION SIGNAL HEAD AS SHOWN.
- C. REMOVE EXISTING SIGNAL HEAD FROM MAST ARM AND INSTALL NEW LED THREE (3) SECTION SIGNAL HEAD AS SHOWN.
- D. USE EXISTING CONDUIT.
- E. USE EXISTING CONTROLLER CABINET. REMOVE UNUSED CABLES AND EQUIPMENT FROM CABINET.
- F. REMOVE UNUSED CABLES FROM EXISTING HAND HOLE.

**GEOMETRIC LEGEND**



**UTILITY LEGEND**



**MD 650 (NEW HAMPSHIRE AVENUE)**

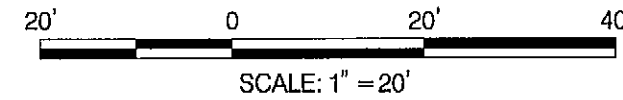
**MD 650 (NEW HAMPSHIRE AVENUE)**

**MD 97 (GEORGIA AVENUE)**

TO INTERSTATE 70

RIGHT OF WAY

TOD NO: XX354-34  
SHA NO: MD255K5D  
MD 650 @ MD 97



**SABRA, WANG & ASSOCIATES, INC.**  
1504 JOH AVENUE  
SUITE 180  
BALTIMORE MD 21127  
(410) 737-8564  
WWW.SABRA-WANG.COM

APPROVALS	
TEAM LEADER	ASST. DIV. CHIEF
DIVISION CHIEF	OFFICE DIRECTOR

REVISIONS	
①	SHA No. XX354516BR 02/2011 INSTALL EP LEFT TURN SIGNAL FOR SOUTHBOUND MD 650 SWASAS 10/1/11
②	SHA No. AT3080185 INSTALL VIDEO DETECTION SWA M.R. D.A.Z. B.K. T.H. I.C.B. UPGRADE TO A NEW SIGNAL DCD S.R. D.A.Z. S.D. T.H.

**SHA** STATE OF MARYLAND  
DEPARTMENT OF TRANSPORTATION  
STATE HIGHWAY ADMINISTRATION  
OFFICE OF TRAFFIC & SAFETY  
TRAFFIC ENGINEERING DESIGN DIVISION  
MD 650 (NEW HAMPSHIRE AVENUE)  
AT MD 97 (GEORGIA AVENUE)  
BROOKVILLE, MARYLAND

**TRAFFIC SIGNAL PLAN**

SCALE: 1" = 20' ADVERTISED DATE: 10 / 09 CONTRACT NO.: 855-25013022

DESIGNED BY: DCD COUNTY: MONTGOMERY  
DRAWN BY: DCD LOGMILE: 15009717.08  
CHECKED BY: TMS NO.:  
F.A.P. NO.: TOD NO.:

TS NO. 2442D DRAWING pSG OF P001 SHEET NO. 1 OF 2

PLOTTED: Wednesday, February 23, 2011 AT 04:09 PM  
FILE: R:\2008\73 SHA BCS 2008-05A\_TEDD DESIGN\_STV\_VJ\_SSA\Task 88 MD 650 @ MD 97 Signal Mod\Draw\Signal\PSG-P001\_K511.DGN